WHAT IS CLAIMED IS:

1. An information recording medium recording highlight information for highlighting a predetermined region in a sub-picture display region by changing a mixture ratio between a main picture and a sub-picture of the predetermined region, wherein the highlight information describes highlight general information and a button information table; the button information table is classified into one or a plurality of groups; the highlight general information describes a button mode; and the button mode describes a flag indicating whether or not a high definition button group is recorded, the number of button groups, and a display type of a sub-picture corresponding to the button group.

2. An information recording medium according to claim 1, wherein, the button information table describes a maximum of 36 items of button information; and the maximum of 36 items of button information are described in a 1-group mode formed of 36 items of the button information, a 2-group mode, each of the two groups is formed of 18 items of button information, or a 3-group mode, each of the three groups is formed of 12 items of button information.

3. An information playback apparatus used for an information recording medium recording highlight information for highlighting a predetermined region in

a sub-picture display region by changing a mixture ratio between a main picture and a sub-picture of the predetermined region, wherein the highlight information describes highlight general information and a button information table; the button information table is classified into one or a plurality of groups; the highlight general information describes a button mode; and the button mode describes a flag indicating whether or not a high definition button group is recorded, the number of button groups, and a display type of a sub-picture corresponding to the button group, the information playback apparatus comprising:

means for reading out the flag and the display type from the information recording medium;

means for, when the flag indicates that a high definition button group is recorded, displaying the read-out button information with high definition, and when the flag indicates that a high definition button group is not recorded, displaying the read-out button information according to the display type.

4. An information playback apparatus according to claim 3, wherein, the button information table describes a maximum of 36 items of button information; and the maximum of 36 items of button information are described in a 1-group mode formed of 36 items of the button information, a 2-group mode, each of the two groups is formed of 18 items of button information, or

a 3-group mode, each of the three groups is formed of 12 items of button information.

5. An information playback method for an information recording medium recording highlight information for highlighting a predetermined region in a sub-picture display region by changing a mixture ratio between a main picture and a sub-picture of the predetermined region, wherein the highlight information describes highlight general information and a button information table; the button information table is classified into one or a plurality of groups; the highlight general information describes a button mode; and the button mode describes a flag indicating whether or not a high definition button group is recorded, the number of button groups, and a display type of a sub-picture corresponding to the button group, the information playback method comprising:

reading out the flag and the display type from the information recording medium;

displaying the read-out button information with high definition when the flag indicates that a high definition button group is recorded, and displaying the read-out button information according to the display type when the flag indicates that a high definition button group is not recorded.

6. An information playback method according to claim 5, wherein, the button information table

describes a maximum of 36 items of button information; and the maximum of 36 items of button information are described in a 1-group mode formed of 36 items of the button information, a 2-group mode, each of the two groups is formed of 18 items of button information, or a 3-group mode, each of the three groups is formed of 12 items of button information.